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Roy F. Weston, Inc.
Suite 400
3 Hawthorn Parkway
Vernon Hills, Illinois 60061-1450
847-918-4000 • Fax 847-918-4055

21 April 2000

Mr. Ronald Murawski, SR-6J
Work Assignment Manager
U.S. Environmental Protection Agency
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

U.S. EPA Contract No.: 68-W7-0026
Work Assignment No.: 050-RXBF-052F
Document Control No.: RFW050-1C-AFEY

Re: Remedial Action Oversight Work Plan
H.O.D Landfill, Antioch, Illinois

Dear Mr. Murawski:

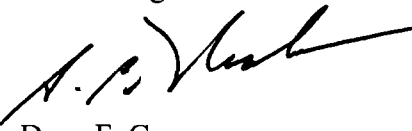
Roy F. Weston, Inc. (WESTON®) is pleased to submit the H.O.D Landfill, Remedial Action Oversight Work Plan for your review.

Should you have any questions or require additional information, please feel free to contact us.

Very truly yours,

ROY F. WESTON, INC.


for Omprakash S. Patel
Site Manager


for Dean F. Geers
Project Manager

RAS:DFG/ts
Enclosure

cc: Ms. Peggy Hendrixson, Contracting Officer, U.S. EPA
Ms. Pat Vogtman, Project Officer, U.S. EPA

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RFW050-1C-AFEY

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**REMEDIAL ACTION—OVERSIGHT
WORK PLAN FOR
H.O.D LANDFILL
ANTIOCH, ILLINOIS**

CONFIDENTIAL

**VOLUME I
TECHNICAL SCOPE OF WORK**

April 2000

Prepared for

U.S. Environmental Protection Agency
77 West Jackson Boulevard
Chicago, Illinois 60604

This document was prepared in accordance with U.S. EPA Contract No. 68-W7-0026, WESTON Region V Response Action Contract (RAC) and contains confidential business information.

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**REMEDIAL ACTION—OVERSIGHT
WORK PLAN
H.O.D. LANDFILL
ANTIOCH, ILLINOIS**

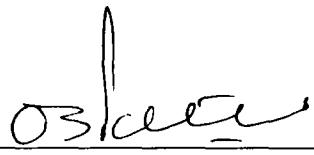
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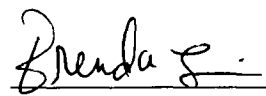
April 2000

Prepared
and
Approved By:


Omprakash S. Patel
Site Manager


Date: 4/20/00

Approved By:


for Dean F. Geers
Program Manager

Date: 4/21/00

Approved By:


Geoffrey B. Noakes
Administrative Support Manager

Date: 4/21/00

SECTION 1

INTRODUCTION

The United States Environmental Protection Agency (U.S. EPA) issued a Statement of Work (SOW) attached to the Work Assignment Form (WAF) (WA No.: 050-RXBF-052F) for Roy F. Weston, Inc. (WESTON®) to provide the oversight of the Remedial Action at the H.O.D Landfill, Antioch, Illinois. The initial SOW dated 10 March 2000 and the Initial WAF were signed by the U.S. EPA Contracting Officer on 21 March 2000. The initial SOW was revised by the U.S. EPA to incorporate decisions made during the kick-off meeting. The revised SOW dated 31 March 2000 and the WAF signed by the U.S. EPA Contracting Officer on 4 April 2000 was received on 6 April 2000. This work plan is prepared in accordance with the revised SOW.

The H.O.D. Landfill is located in Antioch, Lake County, Illinois. The NPL Site occupies about 121 acres, of which approximately 51 acres are the landfill. The Site is currently closed.

There are approximately 14,300 people living within three miles of the Site. Approximately 40 private wells and 6 public water supply wells are in the vicinity, and are used for domestic purposes. The Site is adjacent to a freshwater wetland. Sequoit Creek is adjacent to the landfill, and flows into a series of lakes used for recreation. An industrial park, constructed on former landfill areas unrelated to the H.O.D. Site, is located to the west of the Site, across Sequoit Creek.

The landfill is divided into the "old landfill" and the "new landfill". Operations began in the old landfill in 1963, when wastes were placed in excavated trenches that were covered with excavated materials from each subsequently dug trench. Operations in the new landfill began in 1975 and included construction of a clay barrier between the old and new landfills, and the installation of a leachate collection system the new landfill was closed in 1989, and the entire landfill was covered with a continuous clay cap in 1989. The Site was placed on the National Priorities List (NPL) on 21 February 1990.

Refuse thickness ranges from 12 to 64 feet, with a total estimated in-place volume of 1.5 million cubic yards of waste at the Site. Groundwater down gradient of the Site and soil on the Site contained various volatile organic chemicals including trichloroethene and 1,2 dichloroethene; and metals including manganese, zinc, lead, and cadmium. Coming into direct contact with or ingesting contaminated groundwater may pose a health risk. If contaminants seep from the Site into the Sequoit Creek or the wetlands area, wildlife in or around the water may be harmed.

Under U.S. EPA Region 5 oversight, Waste Management of Illinois, Inc. (WMII), one of the Potentially Responsible Parties (PRPs), performed a Remedial Investigation (RI), detailing the nature and extent of contamination. This work was performed as a result of a 1990 Administrative Order on Consent between U.S. EPA Region 5 and WMII that directed WMII to perform an RI and Feasibility Study (FS). As part of this work, WMII replaced a municipal well, downgradient of the Site. Contamination of this well was one of the main reasons the Site was placed on the NPL. WMII completed the Final RI Report in January 1997, after receiving much input from the Region.

Region 5 approved the WMII's Feasibility Study (FS) in June, 1998. Region 5 issued the Proposed Plan for public comment on 22 July 1998, and issued the Record of Decision (ROD) on 28 September 1998. The selected remedy includes containment of contaminant migration through enhanced leachate and gas extraction, waste cap improvements, leachate treatment and disposal, monitored natural attenuation, and institutional and access controls. A contingent, active groundwater remediation alternative will also be part of the selected remedy. This alternative will be triggered if groundwater contaminant migration is found significant, or if groundwater contaminant levels do not decrease sufficiently over time.

After unsuccessful negotiations between Region 5 and the PRPs to sign a remedial design/remedial action (RD/RA) Consent Decree, Region 5 issued to the PRPs a unilateral Administrative Order (UAO) for RD/RA on 14 April 1999. One of the PRPs, Waste Management of Illinois, is currently performing the RD under the UAO.

The work to be implemented by the PRPs includes, but is not limited to, the following components:

- a. access controls, including fencing;
- b. capping improvements;
- c. enhanced landfill gas and leachate collection systems;
- d. leachate treatment and disposal;
- e. monitored natural attenuation;
- f. institutional controls;
- g. supplemental investigations and studies as needed; and
- h. correction of work deficiencies.

This work plan consists of the following:

- Volume I—Technical Work Plan.
- Volume II—Cost Information.

Volume I discusses the technical Scope of Work to implement the U.S. EPA SOW dated 10 March 2000 and agreement reached during the Kick-off Meeting.. Volume II provides the assumptions, estimated effort and costs for implementing the tasks discussed in Volume I of the Work Plan.

SECTION 2

SCOPE OF SERVICES

This section discusses technical activities necessary to provide oversight of field activities and review of documents and reports related to the RA activities at the landfill cover at the H.O.D Landfill, Antioch, Illinois.

This Work Plan is prepared based on the SOW issued by the U.S. EPA and discussions held with U.S. EPA's Project and Contracting Officers and the Work Assignment Manager (WAM) during the kick-off meeting.

The SOW identified ten tasks. WESTON will perform work in six of these tasks. The remaining four tasks have been deemed not applicable for the work assignment by U.S. EPA. The tasks are summarized below:

RA Oversight Tasks

- Task 1 - Project Planning and Support.
- Task 2 - Community Involvement Technical Support.
- Task 3 - Data Acquisition/RD Oversight (**not applicable**).
- Task 4 - Analysis of Split Samples (**not applicable**).
- Task 5 - Analytical Support and Data Validation of Split Samples. (**not applicable**)
- Task 6 - Data Evaluation of Split Samples. N/A (**not applicable**).
- Task 7 - Review of PRP Remedial Action Documents.
- Task 8 - Remedial Action Oversight
- Task 9 - Technical Meeting Support.
- Task 10 - Work Assignment Closeout.

Detailed discussions of the tasks applicable to this work assignment are provided in the following narrative.

TASK 1 - PROJECT PLANNING AND SUPPORT

1.1 PROJECT PLANNING

Project planning activities include the following five subtasks:

- Kick-off Meeting.
- Conduct Site Visit.
- Review Existing Information.
- RA Oversight Work Plan.
- Review of PRP plans (**not applicable**).

1.1.1 Kick-off Meeting

A kick-off meeting was conducted with the U.S. EPA on 31 March 2000 via teleconference. Personnel in attendance included Mr. Dean Geers (WESTON Program Manager), Mr. Omprakash S. Patel (WESTON Site Manager), Ms. Claudea Heise (U.S. EPA Contract Specialist), Ms. Patricia Vogtman (U.S. EPA Project Officer) and Mr. Ronald W. Murawski (U.S. EPA WAM). The SOW dated 10 March 2000 for RA Oversight was discussed and WESTON's questions were addressed by the U.S. EPA Project Officer and WAM. The attendees decided during the kick-off meeting that the revised SOW would be issued by the U.S. EPA and WESTON should proceed with preparation of the Work Plan in accordance with the discussions held during the kick-off meeting.

The following was mutually agreed upon during the kick-off meeting:

- WESTON's RA Oversight Work Plan will be submitted by 27 March 2000.
- The duration of this RA Oversight Work Plan will be from March 2000 through April 2001.
- WESTON will not submit a completed Health and Safety Plan within 30 days of receipt of the WAF. WESTON will submit the Health and Safety Plan at least 30 days after approval of the final design.
- Team or Pool subcontractor may be necessary.

- If there is a need for review of the Construction Quality Assurance Project Plan, it will be reviewed as a part of other Non-Specific RA Documents, Task 7.3.9.

1.1.2 Site Visit

The site visit will be performed for the preconstruction inspection. No other site visits are planned. The site visit will be conducted to develop a conceptual understanding of the site and requirements of the RA scope.

1.1.3 Evaluation of Existing Information

The following information will be reviewed by the WESTON Project Team Members during the length of the project:

- 1.1.3.1 Record of Decision
- 1.1.3.2 Other documents including RI, FS and UAO
- 1.1.3.3 PRP Work Plan
- 1.1.3.4 PRP Final Design Report
- 1.1.3.5 Other PRP Plan(s) and documents.

These documents will be reviewed by the WESTON Staff Members who previously had not reviewed the documents and need to get acquainted with the project.

1.1.4 RA Oversight Work Plan

The Work Plan will be used as the planning document, which outlines WESTON's understanding of the Scope of Work and the methodology for completing the RA for the site. The Work Plan includes a description of the technical approach and the tasks necessary for the remediation and construction activities in accordance with the final RD and the ROD.

1.1.4.1 Develop Work Plan

WESTON has prepared this RA Work Plan based on the SOW kick-off meeting, and discussion with the Work Assignment Manager (WAM). The Work Plan presents the following:

- **Background Information:** This includes a brief history of the site, problems posed by the site, and how the objectives of the completed RA will address these problems.
- **Technical Approach:** A detailed description of each task is presented. This includes the assumptions used; any information to be produced during and at the conclusion of each task, and a description of the final deliverables that will be submitted to the U. S. EPA.
- **Project Schedule:** The project schedule includes specific dates for completion of each required activity and submission of major deliverables required by the Attachment 1 of the SOW.
- A list of key personnel providing support on the work assignment.
- **Identification of RA project elements and the associated oversight:** This includes a review of PRP planning, design, and activity reporting documentation; field sampling and analysis activities, and treatability study activities.

1.1.4.2 Prepare Revised Oversight Work Plan (if necessary)

1.1.4.2.1 Attend Fact-Finding /Negotiation Meeting (if necessary)

WESTON will attend a Work Plan Negotiation Meeting, if necessary, to review any technical issues and discuss possible solutions. The meeting will take place either at the U.S. EPA Region V office or via telephone and will include the Site Manager and the Program Manager.

1.1.4.2.2 Prepare and Submit Revised Work Plan

If requested by the U.S. EPA, WESTON will prepare a revised work plan. The Work Plan will be modified and resubmitted to the U.S. EPA as a result of U.S. EPA's comments and/or negotiation agreements.

1.1.5 Review PRP Plans

This subtask is not applicable to this work assignment.

1.2 PREPARATION OF SITE-SPECIFIC PLANS

1.2.1 Update HASP

WESTON will update the PRP site specific RD HASP for use during RA Oversight. WESTON's HASP will address those activities specific to oversight activities. The HASP will specify employee training, protective equipment, medical surveillance requirements, standard operating procedures, and a contingency plan in accordance with 29 CFR 1910.120. A copy of WESTON's HASP will be submitted to the WAM for informational purposes only.

1.2.2 Develop SAP

This subtask is not applicable to this work assignment.

1.2.3 Develop QAPP

This subtask is not applicable to this work assignment.

1.3 PROJECT MANAGEMENT

This task includes general work assignments including management and tracking of costs, preparation of monthly progress reports, attendance at project meetings, and preparation and submittal of invoices. Per the SOW the period of performance is estimated to be from March 2000 through April 2001. The activities included in this task are described below.

1.3.1 Monthly Project Management and Report

WESTON will provide general work assignment management and coordination to implement the work assignment SOW. Monthly progress reports will be prepared during the performance of the Remedial Action, in accordance with the requirements of the U.S. EPA Region V contract. WESTON will manage and track costs and prepare and submit invoices. Each report will include the costs and level of effort (by P-Level) for the reporting period, as well as the cumulative amounts expended to date.

1.3.2 Team or Pool Subcontract Management

Depending upon the need of specialized skills for overseeing construction activities, a team subcontractor may be utilized. This task will include the effort associated with management of the subcontractors, if used.

1.3.3 Attend Progress Meetings

WESTON will participate in progress meetings during the course of the work assignment. Based on the SOW, WESTON has assumed the occurrence of six meetings via teleconference during the construction period, with two WESTON personnel in attendance for two hours.

1.4 SUBCONTRACT PROCUREMENT AND SUPPORT ACTIVITIES

This subtask is not applicable to this work assignment.

TASK 2 - COMMUNITY INVOLVEMENT TECHNICAL SUPPORT

Whenever, requested by the U.S. EPA, WESTON will provide technical support during the public/availability meetings. This support may include attendance at each of the meetings to provide specific technical input, and preparing or gathering technical information for presentation at the public meetings.

TASK 3 - DATA ACQUISITION/RD OVERSIGHT

This task is not applicable to this work assignment.

TASK 4 - ANALYSIS OF SPLIT SAMPLES

This task is not applicable to this work assignment.

TASK 5 - ANALYTICAL SUPPORT AND DATA VALIDATION OF SPLIT SAMPLES

This task is not applicable to this work assignment.

TASK 6 - DATA EVALUATION OF SPLIT SAMPLES

This task is not applicable to this work assignment.

TASK 7 - REVIEW OF PRP REMEDIAL ACTION DOCUMENTS

Under this task, WESTON will review and comment on the PRP RA submittals.

WESTON will review and submit technical comments on the PRP RA submittals. The review of each PRP RA submittal will consider the following factors:

- Technical requirements of the ROD, UAO, AOC, CD, and compliance with ARARs.
- Adherence to standard professional engineering practices.
- Compliance with applicable statutes, U.S. EPA policies, directives, and regulations.
- Calculations will be spot checked to assess the accuracy and quality of design activities.
- Construction schedule will be reviewed to ensure that the project completion goals are met.

Following completion of review of each document, technical review comments will be prepared by WESTON and formally submitted to the U.S. EPA. The schedule for submission of review comments is provided in Section 3.0 of this work plan. The submission schedule of review comments may be revised for a particular document or group of documents, if mutually agreed upon between the U.S. EPA WAM and the WESTON Site Manager. An alternative schedule would be requested by WESTON where multiple documents are received for review at one time. If the U.S. EPA WAM decides that written comments for a particular document are unnecessary, a verbal discussion of the document reviewed will be made with the U.S. EPA WAM.

7.1 Review PRP Pre-Design Documents

This subtask is not applicable to this work assignment.

7.2 Review of PRP Remedial Design Documents

This subtask is not applicable to this work assignment.

7.3 Review PRP Remedial Action Documents

WESTON will review PRP RA documents, focusing on the technical and engineering aspects of the detailed construction-related submittals. WESTON will submit letter reports upon completion of each review in accordance with the schedule in Section 3, identifying specific issues and suggested revision or other action.

7.3.1 Site Management for Construction

This subtask is not applicable to this work assignment.

7.3.2 PRP's Remedial Action Work Plan

This subtask is not applicable to this work assignment.

7.3.3 O & M Manual

WESTON will review and provide comments on the PRP's final O&M Manual. WESTON will participate in an O&M Manual review meeting via teleconference.

7.3.4 Remedial Action Report

WESTON will review and provide comments on the PRP's draft and final RA Report. WESTON will participate in a review meeting via teleconference.

7.3.5 As-Built Drawings

WESTON will review and provide comments on the PRP's draft and final As-Built Drawings. WESTON will participate in an As-Built Drawings review meeting via teleconference.

7.3.6 Construction QAPP

This task is not applicable to this work assignment.

7.3.7 Construction QA Reports

WESTON will review and provide comments on the PRP's Construction QA Reports. WESTON will participate in a QA Report review meeting via teleconference. Six review meetings have been assumed.

7.3.8 Change Orders

WESTON will review and provide comments on the PRP's Construction Change Orders. Review of six (6) construction change orders have been assumed.

7.3.9 Other Non-Specific RA Documents

WESTON will review other non-specific remedial action documents. These documents could be related to redevelopment of the site or any other documents like the Construction QAPP.

TASK 8 - REMEDIAL ACTION OVERSIGHT

WESTON will provide technical oversight of PRP activities to ensure construction takes place in accordance with U.S. EPA accepted plans and specifications. The oversight activities will also

include observations regarding the manner on which the Quality Assurance and Health and Safety Plans are implemented.

8.1 RA Oversight

WESTON will assume 30 hours/week of oversight for each person conducting oversight for a period of six months. WESTON will provide verbal communications to the RPM at least once per week during the PRP's field work.

8.2 On-Going Quarterly Field Oversight

This subtask is not applicable for this work assignment.

8.3 RA Oversight Reports

8.3.1 Periodic Reports

WESTON will provide RA oversight reports once every month during the duration of the PRP's field work. The oversight reports will consist of a short summary of significant field events during the period, any photographs taken during the period, and a copy of all field logs.

8.3.2 Final Summary Report

WESTON will provide a summary oversight report 30 calendar days after the end of all field activities. The report will include a descriptive summary of the construction activities under taken, problems encountered and corrective actions taken. The report will also identify any components of the selected remedy that were not completed.

TASK 9 - TECHNICAL MEETING SUPPORT

This task includes work efforts related to attendance at and documentation of meetings with U.S. EPA, PRPs, the PRP contractor, and the State Agency. WESTON will attend various meetings throughout the performance of the work assignment. These meetings are in addition the meetings specifically included within other tasks in this SOW. WESTON assumes 6 meetings including weekly or monthly construction meetings, pre-final inspection meeting and final inspection meeting. It is assumed that three meetings will be held on site and three meetings will be held at the U.S. EPA Region 5 office in Chicago. It is anticipated that two WESTON personnel will be in attendance at each of these meetings.

TASK 10 - WORK ASSIGNMENT CLOSEOUT

WESTON will perform the necessary activities to close out the work assignment in accordance with contract requirements.

10.1 Package and Return Documents to Government

WESTON will package and return all documents to U.S. EPA.

10.2 Work Assignment Closeout Report

WESTON will prepare a Work Assignment Closeout Report (WACR). The WACR will include all LOE by p-level and costs in accordance with the Work Breakdown System (WBS).

SECTION 3

SCHEDULE

The following schedule of deliverables is based on Attachment 1 of the SOW and discussions during the kick-off meeting.

TABLE 3-1
SCHEDULE OF DELIVERABLES

TASK	DELIVERABLE	NO. OF COPIES	DUE DATE (in calendar days)
1.1.4.1	RA Oversight Work Plan	3	27 April 2000
1.1.4.2	Revised RA Oversight Work Plan (if necessary)	3	15 days after meeting/agreement with U.S. EPA comments
1.2.1	Health & Safety Plan	2	30 days after approval of Final Design
1.3.1	Monthly Progress Reports	3	In accordance with the requirements of the contract
1.3.1	Ad hoc financial information requests.	1	14 days after receipt of PRP SMC
7.3.3	Comments on final PRP O & M Manual	2	15 days after receipt of PRP document
7.3.4	Comments on draft PRP RA Report	2	30 days after receipt of PRP RA Report
7.3.4	Comments of final PRP RA Report	2	15 days after receipt of PRP document
7.3.5	Comments on draft PRP As-Built Drawings	2	30 days after receipt of PRP document
7.3.5	Comments on final PRP As-Built Drawings	2	15 days after receipt of PRP document
7.3.8	Comments on PRP Construction Change Orders	1	7 days after receipt of PRP Construction QA Reports
7.3.9	Comments on Other PRP Non-specific RA Documents	2	21 days after receipt of PRP document

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TASK	DELIVERABLE	NO. OF COPIES	DUE DATE (in calendar days)
8.3.1	Periodic Reports	1	21 days after end of each month
8.3.2	Final Summary Report	2	Within 30 Calendar days after the end of all field construction activities
10.2	Work Assignment Closeout Report	3	As directed in Work Assignment Closeout Notification

SECTION 4

PROJECT ORGANIZATION

The overall project organization and the key personnel for the work assignment are identified in this section. This section also describes how the project team will provide the U.S. EPA with quality deliverables, and discusses the organization of the management team, the lines of communication, and the roles and responsibilities of key personnel. In addition, a summary of each of the team member's experience and expertise is provided.

WESTON has overall responsibility for all phases of the RA oversight. Mr. Omprakash S. Patel will be the Site Manager and will provide day-to-day project management and technical guidance to the project staff. He will be the primary contact with the U.S. EPA WAM. He is currently the Site Manager for the RD at the site.

Mr. Patel will also act as Engineer in charge of managing all technical aspects of the Remedial Action components. His major responsibilities will include:

- Communicating with and reporting to the U.S. EPA all required and significant information needed for tracking and assessing project status.
- Ensuring PRP document review and RA oversight schedules are met.
- Ensuring problems are identified. Notify U.S. EPA of such problems with suggested resolutions in a timely manner.
- Ensuring the quality control, contract, and health and safety program requirements are met.

Mr. James M. Burton, P.E., in his capacity as the Technical Manager, will provide quality control reviews for deliverables submitted to the U.S. EPA to ensure compliance with the requirements of the SOW.

Mr. Dean F. Geers, as the Program Manager, will be responsible for ensuring appropriate personnel and resources are made available for timely completion of the RA. He will also be used on an as-needed basis for final deliverable reviews.

A Construction Oversight Representative will have full responsibility and authority for all field activities. His duties will include:

- Ensure that the remedies specified in the RD and subsequently used in the RA protect public health and the environment during the life of the project. ~~Ensure that the remedies are implemented in compliance with the terms of the Settlement Agreement.~~
- Observing and documenting that the PRP has complied with all applicable laws, regulations, and requirements and has met all performance standards specified in the Settlement Agreement.
- Reporting regularly to the WESTON office.

**REMEDIAL ACTION—OVERSIGHT
WORK PLAN FOR
H.O.D LANDFILL
ANTIOCH, ILLINOIS**

CONFIDENTIAL

**VOLUME II
COST INFORMATION**

April 2000

Prepared for

U.S. Environmental Protection Agency
77 West Jackson Boulevard
Chicago, Illinois 60604

This document was prepared in accordance with U.S. EPA Contract No. 68-W7-0026, WESTON Region V Response Action Contract (RAC) and contains confidential business information.

Document Control No. RFW050-1C-AFEY

**VOLUME II
COST INFORMATION
RA OVERSIGHT
H.O.D. LANDFILL
ANTIOCH, ILLINOIS**

This Volume II presents the estimated level of effort (LOE) and cost assumptions that were used to prepare this cost estimate for implementing the Scope of Work (SOW) discussed in Volume I of the Remedial Action (RA) Oversight Work Plan for H.O.D Landfill site in Antioch, Illinois.

TASK 1 - PROJECT PLANNING AND SUPPORT (20064-050-100-XXXX)

1.1 PROJECT PLANNING

This subtask includes the following:

- Kick-off meeting.
- Site visit.
- Evaluation of existing information.
- RA Oversight Work Plan.
- Review of PRP Plans.

The cost estimate for this subtask is based on the following assumptions.

1.1.1 Kick-off Meeting

The project kick-off meeting was held with the U.S. EPA via teleconference. From WESTON, Mr. Dean Geers (P-4) and Mr. Omprakash Patel (P-3) participated in the kick-off meeting. The LOE and cost incurred for preparation and participation in the kick-off meeting via teleconference is summarized below.

Description	Task (XXXX)	P-4	P-3	Total
1.1.1 Kick-off meeting	1010	2.0	4.0	6.0

1.1.2 Site Visit

Two WESTON personnel (P-3 and P-2) will participate in one site visit. The site visit will coincide with the preconstruction meeting/inspection. The following assumptions were used for the site visit:

- Preparation for the site visit will require one hour for each WESTON staff member.
- The visit will last five hours.
- The travel time to the site is estimated to be two hours per person.
- The estimated effort for follow up reporting following the site visit is estimated to be one hour for P-3 and one hour for P-2.
- It is assumed that a personal car will be used to travel to site by each person. The estimated round trip mileage to and from the site is 40 miles.

Description	Task (XXXX)	P-3	P-2	Total
1.1.2 Site Visit	1011	9.0	9.0	18.0

1.1.3 Evaluation of Existing Information

WESTON will review the existing information prior to initiation of the field oversight of construction activities. No review comments will be provided for the existing information reviewed. Following is the estimated effort for review of the existing information.

Description	Task (XXXX)	P-3	P-2	Total
1.1.3.1 ROD	1012	1.0	2.0	3.0
1.1.3.2 RI, FS, UAO	1013	2.0	8.0	10.0
1.1.3.3 PRP Work Plan	1014	1.0	4.0	5.0

Description	Task (XXXX)	P-3	P-2	Total
1.1.3.4 PRP Final Design	1015	2.0	8.0	10.0
1.1.3.5 Other PRP Plans	1016	2.0	6.0	8.0
Total		8.0	28.0	36.0

1.1.4 RA Oversight Work Plan

This subtask includes the preparation of the Work Plan, attendance at a fact-finding/negotiation meeting, and revision of the Work Plan.

1.1.4.1 Develop RA Oversight Work Plan

The effort for preparation of this work plan includes P-4 hours for the Program Manager, P-3 hours for the Site Manager and P-2 hours for the financial analyst. The breakdown of the LOE is provided below :

Description	Task (XXXX)	P-4	P-3	P-2	Total
1.1.4.1 Develop RA Oversight Work Plan	1020	6.0	20.0	6.0	32.0

1.1.4.2 Prepare Revised Oversight Work Plan

1.1.4.2.1 Fact Finding/Negotiation Meeting

The Fact Finding/Negotiation Meeting and Revised Work Plan subtasks will only be utilized if revisions to the Work Plan are necessary. WESTON assumes that the Fact Finding/Negotiation Meeting will be conducted via teleconference. The meeting will be attended by the Program Manager (P-4) and Site Manager (P-3). The teleconference call is assumed to last approximately one hour. WESTON assumes that the Program Manager will require approximately one hour and the Site

Manager will required approximately two hours for preparation for the teleconference call. The estimated effort for the fact finding/negotiation meeting, if utilized, is provided below.

Description	Task (XXXX)	P-4	P-3	Total
1.1.4.2.1 WP Negotiation Meeting	1021	2.0	3.0	5.0

1.1.4.2.2 Revised Work Plan

It is assumed that minimal changes to the Work Plan will be required. The estimated effort for the revised work plan, if utilized, is provided below:

Description	Task (XXXX)	P-4	P-3	P-2	Total
1.1.4.2.2 Revise RA Oversight Work Plan	1022	2.0	10.0	4.0	16.0

1.1.5 Review PRP Plans

This subtask is not applicable to this work assignment.

1.2 PREPARATION OF SITE-SPECIFIC PLANS

The site specific Health and Safety Plan (HASP) will be updated for providing oversight at the H.O.D Landfill site.

1.2.1 Update HASP

The HASP will be updated by WESTON field personnel (P-2) with input from the Site Manager (P-3) and the Health and Safety Manager (P-3). WESTON assumes that the Site Manager will require approximately two hours and the Health and Safety Manager (P-3) will require approximately six

hours during the preparation of the HASP. The estimated effort for the preparation of the HASP is provided below.

Description	Task (XXXX)	P-3	P-2	Total
1.2.1 HASP	1030	8.0	12.0	20.0

1.2.2 Preparation of SAP

This subtask is not applicable to this work assignment.

1.2.3 Preparation of QAPP

This subtask is not applicable to this work assignment.

1.3 PROJECT MANAGEMENT

1.3.1 Monthly Project Management and Reporting

The following assumptions have been utilized for estimating the effort for this subtask:

- This cost estimation is based on a 14-month/60-week performance period (March 2000 through April 2001).
- The Site Manager (P-3) will require approximately one hour/week for general work assignment management and coordination including budget management and scheduling. The Program Manager (P-4) will require an estimated one hour/month.
- The Site Manager (P-3) will require approximately three hours/month for preparation of the monthly report.

- The Program Manager/Technical Manager (P-4) will require one hour/month each for review of monthly report and work assignment related meetings.
- A Financial Analyst (P-2) will require approximately four hours/month to prepare and submit monthly reports of work and invoice.
- A Financial Analyst (P-2) will require approximately four hours to set up the tasks for cost tracking on the WESTON financial system.
- During the life of the work assignment, WESTON assumes that there will be one request for actual cost to date by Work Breakdown System (WBS). It is estimated that each request will require six hours.[one hour for Administration Support Manager (P-3), four hours for Financial Analyst (P-2), and one hour for Site Manager (P-3)].

Description	Task (XXXX)	P-4	P-3	P-2	Total
1.3.1 Work Assignment Management and Reporting	1070	42.0	104.0	64.0	210.0

1.3.2 Team or Pool Subcontract Management

The following assumptions have been utilized for estimating the effort for this subtask:

- The Administrative Manager (P-3) will require approximately six hours to prepare and issue the WAF and the SOW to the team Subcontractor.
- The Site Manager (P-3) will require approximately 12 hours for scheduling and managing the subcontractor.

Description	Task (XXXX)	P-3	Total
1.3.2 Team or Pool Subcontract Management	1071	18.0	18.0

1.3.3 Meetings

The following assumptions were used to estimate effort for this subtask:

- Six meetings will be attended by three WESTON staff members (one P-4 and two P-3).
- The meetings will be held via teleconference.
- Each meeting will last two hours.
- Two hours/person will be required for preparation for meeting.

The estimated effort for the above task is as summarized below:

Description	Task (XXXX)	P-4	P-3	Total
1.3.3 Meetings	1072	24.0	48.0	72.0

1.4 Subcontract Procurement and Support Activities

This subtask is not applicable to this work assignment.

TASK 2 - COMMUNITY RELATIONS TECHNICAL SUPPORT (20064-050-100-XXXX)

The following assumptions were used to estimate the effort to provide technical support during public/availability meetings:

- Technical support would be provided at four public/availability meetings.
- One WESTON staff member (P-3) will be present at each meeting.
- Each meeting will last three hours.
- Two hours would be required to prepare for each meeting.
- Travel time for each meeting is estimated to be three hours/meeting.
- Meetings will be held at Antioch, Illinois.
- A personal car will be used for transportation. The total mileage per trip is estimated to be 40 miles.

Description	Task (XXXX)	P-3	Total
2.0 Community Relations Technical Support	2020	32.0	32.0

TASK 3 - DATA ACQUISITION/RD OVERSIGHT

This task is not applicable to this work assignment.

TASK 4 - ANALYSIS OF SPLIT SAMPLES

This task is not applicable to this work assignment.

TASK 5 - ANALYTICAL SUPPORT AND DATA VALIDATION OF SPLIT SAMPLES

This task is not applicable to this work assignment.

TASK 6 - DATA EVALUATION OF SPLIT SAMPLES

This task is not applicable to this work assignment.

TASK 7--REVIEW PRP REMEDIAL DESIGN/REMEDIAL ACTION DOCUMENTS (20064.050.100.XXXX)

7.1 Review PRP Pre-Design Documents

This subtask is not applicable to this work assignment.

7.2 PRP Remedial Design Documents

This subtask is not applicable to this work assignment.

7.3 Review PRP Remedial Action Documents

The assumptions for the review of the PRP RA documents are provided below.

7.3.1 Site Management For Construction

This task is not applicable to this work assignment.

7.3.2 PRP Remedial Action Work Plan

This task is not applicable to this work assignment.

7.3.3 Operation and Maintenance (O&M) Manual

WESTON will review and submit technical review comments on the final PRP O&M Manual (O&MM). The estimated effort required to review one final O&MM and participate in one review meeting is provided below.

- One final O&MM will be reviewed by WESTON requiring two hours by a P-4, 24 hours by a P-3 and eight hours by a P-2.
- Two WESTON staff members (P-3) will participate in one review meeting via conference call. The review meeting will last four hours. Approximately four hours/staff member will be required for preparation for each meeting.

Description	Activity	Task (XXXX)	P-4	P-3	P-2	Total
7.3.3 PRP O&MM	Final	7010	2.0	24.0	8.0	34.0
	Meeting	7010	0.0	16.0	0.0	16.0
Total			2.0	40.0	8.0	50.0

7.3.4 Remedial Action (RA) Report

WESTON will review and submit technical review comments on one draft and one final PRP RA Report. The estimated effort required to review one draft and one final RA Report, and participate in one review meeting is provided below.

- The review of one draft RA Report will require two hours by a P-4, 24 hours by a P-3 and eight hours by a P-2. Review of the final RA Report will require approximately fifty percent effort of the draft RA Report.
- Two WESTON staff members (P-3) will participate in one review meeting via conference call. The review meeting will last four hours. Approximately four hours/staff member will be required for preparation for each meeting.

Description	Activity	Task (XXXX)	P-4	P-3	P-2	Total
7.3.4 PRP RA Report	Draft	7020	2.0	24.0	8.0	34.0
	Final	7020	1.0	12.0	4.0	17.0
	Meeting	7020	0.0	8.0	8.0	16.0
Total			3.0	44.0	20.0	67.0

OK

7.3.5 As-Built Drawings

WESTON will review and submit technical review comments on one draft and one final set of PRP As-Built Drawings (ABD). The estimated effort required to review one draft and one final ABD, and participate in one review meeting is provided below.

- The review of one draft ABD Report will require two hours by a P-4, 12 hours by a P-3 and 12 hours by a P-2. Review of the final RA Report will require approximately fifty percent effort of the draft RA Report.
- Two WESTON staff members (P-3) will participate in one review meeting via conference call. The review meeting will last four hours. Approximately four hours/staff member will be required for preparation for each meeting.

Description	Activity	Task (XXXX)	P-4	P-3	P-2	Total
7.3.4 PRP ABD	Draft	7030	2.0	12.0	12.0	26.0

Description	Activity	Task (XXXX)	P-4	P-3	P-2	Total
	Final	7030	1.0	6.0	6.0	13.0
	Meeting	7030	0.0	8.0	8.0	16.0
Total			3.0	26.0	26.0	55.0

7.3.6 Construction QAPP

This task is not applicable to the task.

7.3.7 Construction QA Reports

WESTON will review and submit technical review comments on PRP Construction QA Reports (CQAR). The estimated effort required to review the CQAR, and participate in six review meetings is provided below.

- The review of the CQAR will require three hours by a P-4, 24 hours by a P-3 and 24 hours by a P-2.
- Two WESTON staff members (P-3) will participate in six review meeting via conference call. The review meeting will last for two hours. Approximately four hours/staff member will be required for preparation for each meeting.

Description	Activity	Task (XXXX)	P-4	P-3	P-2	Total
	Final	7040	3.0	24.0	24.0	51.0
	Meeting	7040	0.0	36.0	36.0	72.0
Total			3.0	60.0	60.0	123.0

7.3.8 Change Order

WESTON will review and submit technical review comments on Change Orders (CO). The estimated effort to review the Change Orders is provided below. It is assumed that approximately six Change Orders will be reviewed.

Description	Task (XXXX)	P-4	P-3	P-2	Total
7.3.8 PRP CO	7050	3.0	24.0	12.0	39.0

7.3.9 Other Non-Specific RA Documents

Per the SOW, WESTON has provided 100 hours for review of other Non-Specific RA Documents.

Description	Task (XXXX)	P-4	P-3	P-2	Total
7.3.9 Non-Specific RA Documents	7060	6.0	70.0	24.0	100.0

TASK 8—REMEDIAL ACTION OVERSIGHT (20064.050.100.XXXX)

8.1 Remedial Action Oversight

The following assumptions were used to estimate the labor effort and other costs for this subtask.

- It has been assumed that the oversight will either be provided by one staff member from WESTON's Vernon Hills office or from the Team Subcontractor EDI's Chicago, Office. The RA oversight will be provided for 26-weeks.
- One WESTON Team staff member (P-2) will provide oversight for 30 hours/week (three to four days per week). This will result in 780 hours of oversight.
- It is assumed that mobilization/demobilization will be require approximately eight times during the 26-weeks of oversight. The field person will require six hours for each

to be included
mobilization/demobilization event. The Site Manager (P-3) will require approximately three hours for each mobilization and demobilization to interact with the field person during the oversight event.

- to be included*
- The Site Manager (P-3) will require approximately five hours per week of oversight to interact with the field personnel. *to be included*
 - The Site Manager (P-3) will require approximately two hours per week (52 hours) to update the WAM on the results of oversight.
 - It is assumed that approximately eight hours will be required by either the Program Manager (P-4) or the Technical Manager (P-4) to ensure that the appropriate WESTON Staff Member is assigned because of the special skills required for some of the components to be installed during the RA.
 - A rental car will be used to provide oversight. It is assumed that the weekly rental cost for the rental car will be \$225 and gas and tolls are estimated at \$20 per week.
 - It is assumed that the site manager will make eight trips during the construction to visit the site. For each visit the Site Manager will require an estimated 8 hours including travel time. The Site Manager will require 0.5 hours/site visit for follow-up reporting. A personal car will also be utilized by the WESTON Site Manager.
 - WESTON oversight personnel will use a cellular phone during field oversight. The cellular phone will be used for communications with the WESTON site manager and the U.S. EPA WAM only. It is estimated that the air-time cost for use of the cellular phone per week will be \$50.
 - The cost of film and film development per week of oversight is estimated to be \$25.
 - The cost for personnel protective equipment is estimated to be \$20/day.

- It is assumed that a WESTON Team member from Chicago, Illinois will provide oversight for 20 days. The per diem for Chicago personnel is estimated to be for the personnel (\$176/day) for 20 days.

The summary of labor hours for oversight is provided below:

Description	Task (XXXX)	P-4	P-3	P-2	Total
8.1 RA Oversight	8010	8.0	274.0	828.0	1110.0

The summary of major ODCs is provided below:

ITEM		Quantity	Unit	Unit Price (\$)	Total Cost (\$)
Description	Type				
Travel Expenses	Rental Car	26	week	225	5,850
	Per Diem	20	day	176	3520
	Mileage	600	mile	0.325	195
	Gas	26	week	20	520
Total Travel Cost					\$10,085
Other Direct Costs	Telephone	26	week	50	1300
	PPE	26	week	20	520
	Film	26	week	25	650
Total ODCs					\$2,470

8.2 On-Going Quarterly Field Oversight

This subtask is not applicable to this work assignment.

8.3 Remedial Design Investigation Oversight Reports

The following reports will be submitted for the oversight provided during RA activities:

- Periodic Reports.
- Final Summary Report.

8.3.1 Periodic Reports

The following assumptions were used to estimate effort and other costs for preparing the periodic reports:

- Six monthly periodic reports will be prepared.
- WESTON oversight personnel (P-2) will prepare the periodic reports. Each periodic report will cover one month of oversight and will require 24 hours.
- The Site Manager (P-3) will require an estimated six hours to review and submit each periodic report.
- The Technical Manager (P-4) will require an estimated two hours to review each periodic report.
- Color copies of photo-documentation will be included in the periodic reports. Approximately four sets of color copies (two U.S. EPA, one document control and one file copy) of photo-documentation will be required. It is assumed that each periodic report will have 100 pages of color copies. The cost of color copies/page is estimated to be \$1.00.

The following is the summary of the estimated effort require for preparation of the periodic report:

6815

Description	Task (XXXX)	P-4	P-3	P-2	Total
8.3.1 Periodic Reports	8020	12.0	36.0	144.0	192.0

76

8.3.2 Final Summary Report

The following assumptions were used to estimate effort and other costs for the final summary report:

- One final summary report will be submitted at the completion of all RA oversight field activities.
- Approximately 40 hours (P-2) will be required to prepare the final summary report.
- The Site Manager (P-3) will require approximately 12 hours to review and submit the final summary report.
- The Technical Manager (P-4) will require approximately three hours to review the final summary report.
- No photo-documentation will be submitted with the final summary report.

The following is the summary of estimated effort for final summary report.

Description	Task (XXXX)	P-4	P-3	P-2	Total
8.3.2 Final Summary Report	8030	3.0	12.0	40.0	55.0

OK

TASK 9 - TECHNICAL SUPPORT MEETING (20064.050.100.XXXX)

The following assumptions were used to estimate effort and other costs for meetings at the U.S. EPA, Chicago:

- Two WESTON staff members (P-3) will attend six meetings. Three meetings will be conducted at the U.S. EPA Regional Office in Chicago and three meetings will be conducted at the site.
- Each meeting will last approximately four hours.
- Travel time for each meeting at the U.S. EPA will be three hours and each meeting at the site will require two hours travel.
- Preparation time for each meeting will be two hours for each staff member.
- A personal car will be utilized for travel to the meetings.
- Mileage of 74 miles has been included for meetings at the U.S. EPA and 40 miles for meetings at Antioch, Illinois.

Description	Task (XXXX)	P-3	Total
9.0 Technical Meeting Support	9010	102.0	102.0

TASK 10 - WORK ASSIGNMENT CLOSEOUT (20064.050.100.XXXX)

As described below, there are two additional subtasks associated with this subtask:

- Package and return documents.
- Prepare closeout report.

10.1 Package and Return Documents

All files will be returned to the U.S. EPA following completion of the project.

Description	Task (XXXX)	P-3	P-1	Total
10.1 Package and Return Documents	0110	4.0	4.0	8.0

10.2 Prepare Closeout Report

The Work Assignment Closeout report will be prepared and submitted to the U.S. EPA. The following is the estimated effort for this task:

Description	Task (XXXX)	P-4	P-3	P-2	Total
10.2 Work Assignment Closeout	0111	2 4.0	12.0	5 12.0	28.0

Description	Task (XXXX)	P-3	Total
9.0 Technical Meeting Support	9010	102.0	102.0

TASK 10 - WORK ASSIGNMENT CLOSEOUT (20064.050.100.XXXX)

As described below, there are two additional subtasks associated with this subtask:

- Package and return documents.
- Prepare closeout report.

10.1 Package and Return Documents

All files will be returned to the U.S. EPA following completion of the project.

Description	Task (XXXX)	P-3	P-1	Total
10.1 Package and Return Documents	0110	4.0	4.0	8.0

10.2 Prepare Closeout Report

The Work Assignment Closeout report will be prepared and submitted to the U.S. EPA. The following is the estimated effort for this task:

Description	Task (XXXX)	P-4	P-3	P-2	Total
10.2 Work Assignment Closeout	0111	2.0	12.0	8.0	22.0

CONFIDENTIAL

CONTRACT PRICING PROPOSAL COVER SHEET

1 SOLICITATION CONTRACT/MODIFICATION

NO

68-W7-0026

FORM APPROVED

ONB NO

3090-0116

NOTE: This form is used in contract actions if submission of cost or pricing data is required. (See FAR 15.804.6(b))

2 NAME AND ADDRESS OF OFFEROR (Include ZIP Code)

Roy F. Weston, Inc.
Three Hawthorn Parkway
Suite 400
Vernon Hills, IL 60061

3A NAME AND TITLE OF OFFEROR'S

POINT OF CONTACT

O. Patel Site Manager

3B TELEPHONE NO

(847) 918-4051

4 TYPE OF CONTRACT ACTION (Check)

A NEW CONTRACT

D LETTER CONTRACT

B CHANGE ORDER

X E UNPRICED ORDER

C PRICE REVISION

F OTHER (Specify)

REDETERMINATION

5 TYPE OF CONTRACT (Check)

FFP

CPFF

CPTF

X CPAF

FPI

OTHER (Specify)

6 PROPOSED COSTS (A-B-C)

A COST

B PROFIT FEE

C TOTAL

\$

192,575

\$

14,345

\$

206,920

7 PLACE(S) AND PERIOD(S) OF PERFORMANCE

Antioch, Illinois, 3/00 through 4/01

8 List and reference the identification, quantity and total price of each contract line item. A line item cost breakdown supporting this recap is required unless otherwise specified by the Contracting Officer. (Continue on reverse, and then on plain paper if necessary. (Use same headings))

A LINE ITEM NO

B IDENTIFICATION

C QUANTITY

D TOTAL PRICE

E REF

1.

For Services Other Than Personal
H.O.D. Landfill
Remedial Action Oversight
Solicitation No.: 050-RXBF-052F
Initial Work Plan - 21 April 2000

N/A

\$206,920

Attached
OF 60

9 PROVIDE NAME, ADDRESS, AND TELEPHONE NUMBER FOR THE FOLLOWING (If applicable)

A CONTRACT ADMINISTRATION OFFICE

U. S. EPA

B AUDIT OFFICE

P. Hendrixson (MCC-10J)
(312) 886-5864

77 West Jackson Blvd.
Chicago, IL 60604

DCAA, Philadelphia, PA

10 WILL YOU REQUIRE THE USE OF ANY GOVERNMENT PROPERTY IN THE PERFORMANCE OF THIS WORK? (If "Yes," identify)

YES

X NO

11A DO YOU REQUIRE GOVERNMENT CONTRACT FINANCING TO PERFORM THIS PROPOSED CONTRACT? (If "Yes," complete item 11B)

YES

X NO

11B TYPE OF FINANCING

ADVANCE PAYMENT

PROGRESS PAYMENT

GUARANTEED LOAN

12 HAVE YOU EVER BEEN AWARDED ANY CONTRACTS OR SUBCONTRACTS FOR THE SAME OR SIMILAR ITEMS WITHIN THE PAST 3 YEARS? (If "Yes," identify item(s), customer(s) and contract number(s))

X YES

NO U.S. EPA ARCS Contract No. 68-W9-0009

13 IS THIS PROPOSAL CONSISTENT WITH YOUR ESTABLISHED ESTIMATING ACCOUNTING PRACTICES AND PROCEDURES AND FAR PART 31 COST PRINCIPLES? (If "No," explain)

X YES

NO

14 COST ACCOUNTING STANDARDS BOARD (CASB) DATA (Public Law 91-370 as amended and FAR PART 301)

A WILL THIS CONTRACT ACTION BE SUBJECT TO CASB REGULATIONS? (If "No," explain in proposal)

X YES

NO

B HAVE YOU SUBMITTED A CASB DISCLOSURE STATEMENT? (CASB DS-1 or 2) (If "Yes," specify in proposal the office to which submitted and if determined to be adequate)

X YES

NO

Washington, DC

C HAVE YOU BEEN NOTIFIED THAT YOU ARE OR MAY BE IN NONCOMPLIANCE WITH YOUR DISCLOSURE STATEMENT OR COST ACCOUNTING STANDARDS? (If "Yes," explain in proposal)

YES

X NO

D IS ANY ASPECT OF THIS PROPOSAL INCONSISTENT WITH YOUR DISCLOSURE PRACTICES OR APPLICABLE COST ACCOUNTING STANDARDS? (If "Yes," explain in proposal)

YES

X NO

This proposal is submitted in response to the RFP, contract, modification, etc. as item 1 and reflects our best estimates and/or actual costs as of this date.

15 NAME AND TITLE (Type)

Dean F. Geers, Program Manager

16 NAME OF FIRM

Roy F. Weston, Inc.

17 SIGNATURE

A. B. Weston for D. Geers

18 DATE OF SUBMISSION

4/21/00

STANDARD FORM 1411 (facsimile)

CONFIDENTIAL

CONTRACT PRICING PROPOSAL
(Research and Development)

Office of Management and Budget
Approval No. 29-R0184

This form is for use when (i) submission of cost of pricing data is required and (ii) submission for the Optional Form 99 is authorized by contracting officer.

Page No.:
1

No. of Pages:
3

Name of Offeror: Roy F. Weston, Inc.

Supplies and/or Services to be Furnished:
Supplies and Professional Services associated with
H.O.D. Landfill - Remedial Action Oversight
Initial Work Plan - 21 April 2000

Home Office Address: One Weston Way
West Chester, PA 19380

Division and Location(s) where work to be performed:

Total Proposal Amount:

Solicitation No.

Vernon Hills, Illinois and other Roy F. Weston, Inc. offices

\$206,920

050-RXBF-052F

DETAIL DESCRIPTION OF COST ELEMENTS

TOTAL COST

1. DIRECT MATERIAL					\$0
2. MATERIAL OVERHEAD					\$0
3. DIRECT LABOR See Exhibit A	EST HOURS	RATE/HR	EST COST		
a. Technical Labor	2388.0		\$66,956		
b. Support Labor	197.0		\$2,696		
TOTAL DIRECT LABOR					\$69,652
4. LABOR OVERHEAD	RATES	x BASE =	EST COST		
TOTAL DIRECT LABOR OVERHEAD	0.8841	\$69,652	\$61,579		
FRINGE	0.3251	\$69,652	\$22,644		
TOTAL LABOR OVERHEAD AND FRINGE					\$84,223
5. SPECIAL TESTING:					\$0
6. SPECIAL EQUIPMENT					\$0
7. TRAVEL:					
a. TRANSPORTATION			\$6,741		
b. PER DIEM & SUBSISTENCE			\$3,520		
TOTAL TRAVEL					\$10,261
8. CONSULTANTS					
a. TEAM SUBCONTRACTOR COSTS			\$0		
b. TEAM SUBCONTRACTOR FEES			\$0		
c. POOL SUBCONTRACTOR COSTS			\$0		
TOTAL CONSULTANTS					\$0
9. OTHER DIRECT COSTS/OTHER EXPENSES See Exhibit A					
a. Non-G&A ODC's			\$455		
b. G&A Qualified ODC's			\$3,070		
TOTAL ODCs					\$3,525
10. TOTAL DIRECT COSTS AND OVERHEAD					\$167,661
11. GENERAL AND ADMINISTRATIVE EXPENSE See Exhibit A					
			\$24,914		
TOTAL G&A					\$24,914
12. TOTAL ESTIMATED COST AND G&A					\$192,575
13. FEE OR PROFIT See Exhibit A					
BASE FEE			\$5,738		
AWARD FEE			\$8,607		
TOTAL FEE					\$14,345
14. TOTAL ESTIMATED COST AND FEE OR PROFIT					\$206,920

CONFIDENTIAL

This proposal is submitted for use in connection with and in response to 050-RXBF-052F and reflects our best estimates as of this date, in accordance with the Instructions to Offerors and the Footnotes which follow.

TYPE NAME AND TITLE

SIGNATURE

Dean F. Geers, Program Manager

NAME OF FIRM: Roy F. Weston, Inc.

DATE OF SUBMISSION:

04/21/2000

COST

ELEMENT

EXHIBIT A - SUPPORTING SCHEDULE

3.

DIRECT LABOR

P4	123.0 hrs @	\$46.40	=	\$5,707
P3	968.0 hrs @	\$33.74	=	\$32,661
P2	1293.0 hrs @	\$22.06	=	\$28,521
P1	4.0 hrs @	\$16.67	=	\$67
T2	0.0 hrs @	\$0.00	=	\$0
T1	0.0 hrs @	\$0.00	=	\$0

Technical Labor:	2388.0			\$66,956	\$66,956
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Support Labor:	197.0 hrs @	\$13.68	=	\$2,696	\$2,696
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9.

OTHER DIRECT COSTS/OTHER EXPENSES

a. Non-G&A ODC's

1. Copying and Reproduction	\$455
2. Computer Rental	\$0
3. CADD Equipment Rental	\$0

Subtotal	\$455	\$455
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b. G&A Qualified ODC's

1. Courier	\$0
2. Materials and Supplies	\$1,170
3. Telephone	\$1,300
4. Mail	\$0
5. Miscellaneous	\$600

Subtotal	\$3,070	\$3,070
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(continued)

I Has any executive agency of the United States government performed any review of your accounts or records in connection with any other government prime contract or subcontract within the past twelve months?

☒ YES ☐ NO (If yes, identify on reverse.)

Annual DCAA audit.

NAME AND ADDRESS OF REVIEWING OFFICE AND INDIVIDUAL

TELEPHONE No./EXTENSION

DCAA, 1421 Cherry Street, Philadelphia, PA -- Robert Kozubal, Supervisory Auditor

(215) 597-4271

II Will you require the use of any government property in the performance of this proposed contract?

☐ YES ☒ NO (If yes, identify on reverse.)

III Do you require government contract financing to perform this contract?

☐ YES ☒ NO (If yes, identify.)

ADVANCE PAYMENTS PROGRESS PAYMENTS GUARANTEED LOANS

IV Do you now hold any contract (Or, do you have any independently financed (IR&D) projects) for the same or similar work called for by this proposed contract?

☒ YES ☐ NO (If yes, identify.) ARCS Contract No. 68-W8-0089

V Does this cost summary conform with the cost principles set forth in agency regulations?

☒ YES ☐ NO (If no, explain on reverse.)

CONFIDENTIAL

This proposal is submitted for use in connection with and in response to 050-RXBF-052F and reflects our best estimates as of this date, in accordance with the Instructions to Offerors and the Footnotes which follow.

NAME OF FIRM: Roy F. Weston, Inc.

DATE OF SUBMISSION:

04/21/2000

COST ELEMENT

EXHIBIT A - SUPPORTING SCHEDULE

11.

GENERAL AND ADMINISTRATIVE EXPENSES

	Basis	Rate	Amount
1. Labor \$ (Technical)	\$66,956	14.90%	\$9,976
2. Labor \$ (Support)	\$2,696	14.90%	\$402
3. Labor Overhead	\$84,223	14.90%	\$12,549
4. Travel	\$10,261	14.90%	\$1,529
5. G&A Qualified ODC's	\$3,070	14.90%	\$457

\$65,076

\$24,914

13.

FEE OR PROFIT

BASE FEE

	Basis	Rate	Amount
1. Technical LOE Hours	2,388	2.402800	\$5,738
2. Team Subcontract Technical LOE Hours	0	2.402800	\$0
3. Pool Subcontractor Costs	\$0	2.0%	\$0

\$5,738

\$5,738

AWARD FEE

	Basis	Rate	Total
1. Technical LOE Hours	2,388	3.604200	\$8,607
2. Team Subcontract Technical LOE Hours	0	3.604200	\$0
3. Pool Subcontracts	\$0	3.0%	\$0

\$8,607

\$8,607

TOTAL FEE

\$14,345

		SUMMARY OF COSTS FOR HOD LANDFILL - REMEDIAL ACTION OVERSIGHT ACTIVITIES																	
WBS	Activity	PROFESSIONAL HRS	\$	SUPPORT HRS	\$	TOTAL TRAVEL \$	TOTAL REPORT COSTS \$	TOTAL COM- PUTER \$	TOTAL ODC's \$	TOTAL POLLS LIAB IN'S \$	POOL SUB \$	TOTAL TEAM SUB \$	SUBTOTAL w/o Q & A	Q & A	SUBTOTAL w/o FEE \$	BASE FEE \$	SUBTOTAL w/BASE FEE \$	AWARD FEE \$	GRAND TOTAL w/FEE \$

Project Planning and Support																			
1 1 0 0 0	Project Planning	Subtotal	113.0	7,549	16.0	467	13	70	0	0	0	0	8,099	1,196	9,295	272	9,567	407	9,974
1 1 1 0 0	Attend Kickoff Meeting		6.0	508	0.0	0	0	0	0	0	0	0	508	76	583	14	596	22	619
1 1 2 0 0	Conduct Site Visit		18.0	1,108	0.0	0	13	0	0	0	0	0	1,121	167	1,288	43	1,332	65	1,396
1 1 3 0 0	Review Existing Information	Subtotal	36.0	1,958	0.0	0	0	0	0	0	0	0	1,958	292	2,250	87	2,337	130	2,467
1 1 3 1 0	Record of Decision		3.0	172	0.0	0	0	0	0	0	0	0	172	26	197	7	205	11	216
1 1 3 2 0	Other Documents (RI, FS, UAO)		10.0	538	0.0	0	0	0	0	0	0	0	538	80	619	24	643	36	679
1 1 3 3 0	PRP Work Plan		5.0	269	0.0	0	0	0	0	0	0	0	269	40	309	12	321	18	339
1 1 3 4 0	PRP Final Design Report		10.0	538	0.0	0	0	0	0	0	0	0	538	80	619	24	643	36	679
1 1 3 5 0	Other PRP Plans & Documents		8.0	441	0.0	0	0	0	0	0	0	0	441	66	507	19	526	29	555
1 1 4 0 0	ORA Oversight Work Plan	Subtotal	53.0	3,975	16.0	467	0	70	0	0	0	0	4,512	662	5,174	127	5,301	191	5,492
1 1 4 1 0	ORA Oversight Work Plan		32.0	2,402	12.0	350	0	35	0	0	0	0	2,787	410	3,196	77	3,274	115	3,390
1 1 4 2 0	Revised Work Plan	Subtotal	21.0	1,573	4.0	117	0	35	0	0	0	0	1,724	252	1,976	50	2,026	76	2,102
1 1 4 2 1	Negotiation Meeting		5.0	428	0.0	0	0	0	0	0	0	0	428	64	492	12	504	16	522
1 1 4 2 2	Revised Work Plan		16.0	1,144	4.0	117	0	35	0	0	0	0	1,298	188	1,484	38	1,522	56	1,580
1 2 0 0 0	Preparation of Site Specific Plans	Subtotal	20.0	1,180	4.0	117	0	35	0	0	0	0	1,331	193	1,525	48	1,573	72	1,645
1 2 1 0 0	Health & Safety Plan		20.0	1,180	4.0	117	0	35	0	0	0	0	1,331	193	1,525	48	1,573	72	1,645
1 3 0 0 0	Project Management	Subtotal	300.0	22,670	116.0	3,593	0	245	0	0	0	0	26,508	3,913	30,422	721	31,143	1,081	32,224
1 3 1 0 0	Monthly Project Management & Reporting		210.0	15,239	112.0	3,476	0	245	0	0	0	0	18,961	2,789	21,749	505	22,254	757	23,011
1 3 2 0 0	Team or Pool Subcontract Management		18.0	1,397	4.0	117	0	0	0	0	0	0	1,514	226	1,740	43	1,783	65	1,848
1 3 3 0 0	Meetings		72.0	6,034	0.0	0	0	0	0	0	0	0	6,034	899	6,933	173	7,106	280	7,385
Task 1 Totals			433.0	31,400	136.0	4,176	13	350	0	0	0	0	35,939	5,303	41,242	1,040	42,282	1,561	43,843
Task 2																			
Community Relations Technical Support																			
2 0 0 0 0	Community Relations Technical Support		32.0	2,383	0.0	0	52	0	0	0	0	0	2,435	363	2,798	77	2,875	115	2,990
Task 2 Totals			32.0	2,383	0.0	0	52	0	0	0	0	0	2,435	363	2,798	77	2,875	115	2,990
Task 7 Review of PRP RA Documents																			
7 3 0 0 0	Review of PRP RA Documents	Subtotal	434.0	29,010	24.0	700	0	0	0	0	0	0	29,710	4,427	34,137	1,043	35,180	1,564	36,744
7 3 3 0 0	O&M Manual		50.0	3,573	4.0	117	0	0	0	0	0	0	3,690	550	4,240	120	4,360	180	4,540
7 3 4 0 0	ORA Report		67.0	4,556	4.0	117	0	0	0	0	0	0	4,674	696	5,371	161	5,532	241	5,773
7 3 5 0 0	As-built Drawings		55.0	3,509	4.0	117	0	0	0	0	0	0	3,626	540	4,166	132	4,298	198	4,496
7 3 7 0 0	Construction QA Reports		123.0	7,896	4.0	117	0	0	0	0	0	0	7,812	1,164	8,977	296	9,272	443	9,715
7 3 8 0 0	Change Orders		39.0	2,679	4.0	117	0	0	0	0	0	0	2,795	417	3,212	94	3,306	141	3,446
7 3 9 0 0	Other Non-specific RA Documents		100.0	6,996	4.0	117	0	0	0	0	0	0	7,113	1,060	8,172	240	8,413	360	8,773
Task 7 Totals			434.0	29,010	24.0	700	0	0	0	0	0	0	29,710	4,427	34,137	1,043	35,180	1,564	36,744
Task 8																			
RA Oversight																			
8 1 0 0 0	ORA Oversight		1110.0	81,523	0.0	0	10,085	0	0	2,470	0	0	74,078	11,038	85,115	2,667	87,782	4,001	91,783
8 3 0 0 0	ORA Oversight Reports	Subtotal	247.0	14,067	28.0	817	0	105	0	600	0	0	15,588	2,307	17,895	593	18,489	890	19,379
8 3 1 0 0	Periodic Reports		192.0	10,919	24.0	700	0	84	0	600	0	0	12,303	1,821	14,123	461	14,585	692	15,277
8 3 2 0 0	Final Summary Reports		55.0	3,148	4.0	117	0	21	0	0	0	0	3,265	486	3,752	132	3,904	196	4,102
Task 8 Totals			1,357.0	75,589	28.0	817	10,085	105	0	3,070	0	0	89,666	13,345	103,010	3,261	106,271	4,891	111,162

SUMMARY OF COSTS FOR H.O.D. LANDFILL - REMEDIAL ACTION OVERSIGHT ACTIVITIES																			
WBS	Activity	PROFESSIONAL HRS	\$	SUPPORT HRS	\$	TOTAL TRAVEL \$	TOTAL REPORT COSTS \$	TOTAL COM- PUTER \$	TOTAL ODC\$ \$	TOTAL POLL LIAB INS \$	POOL SUB \$	TOTAL TEAM SUB \$	SUBTOTAL w/o G & A	G & A	SUBTOTAL w/o FEE \$	BASE FEE \$	SUBTOTAL w/BASE FEE \$	AWARD FEE \$	GRAND TOTAL w/FEE \$
Task 9																			
Technical Meeting Support																			
9.0.0.0.0	Technical Meeting Support	102.0	7,598	0.0	0	111	0	0	0	0	0	0	7,707	1,148	8,856	245	9,101	368	9,468
Task 9 Totals		102.0	7,598	0.0	0	111	0	0	0	0	0	0	7,707	1,148	8,856	245	9,101	368	9,468
Task 10																			
Work Assignment Closeout																			
10.1.0.0.0	Package & Return Documents to Government	8.0	445	8.0	233	0	0	0	0	0	0	0	678	101	780	19	799	29	828
10.2.0.0.0	Prepare Closeout Report	22.0	1,496	1.0	29	0	0	0	0	0	0	0	1,525	227	1,753	53	1,806	79	1,885
Task 10 Totals		30.0	1,941	9.0	262	0	0	0	0	0	0	0	2,204	328	2,532	72	2,604	108	2,713
Project Totals		2,388.0	147,920	197.0	5,955	10,261	455	0	3,070	0	0	0	167,861	24,914	192,575	5,738	198,313	8,607	206,920

DIRECT LABOR FOR H O D LANDFILL - REMEDIAL ACTION OVERSIGHT ACTIVITIES

WBS	Activity	P-4		P-3		P-2		P-1		T-2		T-1		TOTAL PROFESSIONAL		TOTAL SUPPORT		
		HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	\$	LOE HRS	\$	HRS	\$	

Task 1																		
Project Planning and Support																		
1 1 0 0 0	Project Planning	Subtotal	12 0	1,234	54 0	4,021	47 0	2,294	0 0	0	0 0	0	0 0	0	113 0	7,549	16 0	467
1 1 1 0 0	Attend Kickoff Meeting		2 0	210	4 0	298	0 0	0	0 0	0	0 0	0	0 0	0	6 0	508	0 0	0
1 1 2 0 0	Conduct Site Visit		0 0	0	9 0	670	9 0	438	0 0	0	0 0	0	0 0	0	18 0	1,108	0 0	0
1 1 3 0 0	Review Existing Information	Subtotal	0 0	0	8 0	596	28 0	1,363	0 0	0	0 0	0	0 0	0	36 0	1,958	0 0	0
1 1 3 1 0	Record of Decision		0 0	0	1 0	74	2 0	97	0 0	0	0 0	0	0 0	0	3 0	172	0 0	0
1 1 3 2 0	Other Documents (RI, FS, UAO)		0 0	0	2 0	149	8 0	389	0 0	0	0 0	0	0 0	0	10 0	538	0 0	0
1 1 3 3 0	PRP Work Plan		0 0	0	1 0	74	4 0	195	0 0	0	0 0	0	0 0	0	5 0	269	0 0	0
1 1 3 4 0	PRP Final Design Report		0 0	0	2 0	149	8 0	389	0 0	0	0 0	0	0 0	0	10 0	538	0 0	0
1 1 3 5 0	Other PRP Plans & Documents		0 0	0	2 0	149	6 0	292	0 0	0	0 0	0	0 0	0	8 0	441	0 0	0
1 1 4 0 0	RA Oversight Work Plan	Subtotal	10 0	1,025	33 0	2,458	10 0	493	0 0	0	0 0	0	0 0	0	53 0	3,975	16 0	467
1 1 4 1 0	RA Oversight Work Plan		6 0	615	20 0	1,489	6 0	298	0 0	0	0 0	0	0 0	0	32 0	2,402	12 0	350
1 1 4 2 0	Revised Work Plan	Subtotal	4 0	410	13 0	968	4 0	195	0 0	0	0 0	0	0 0	0	21 0	1,573	4 0	117
1 1 4 2 1	Negotiation Meeting		2 0	205	3 0	223	0 0	0	0 0	0	0 0	0	0 0	0	6 0	428	0 0	0
1 1 4 2 2	Revised Work Plan		2 0	205	10 0	745	4 0	195	0 0	0	0 0	0	0 0	0	16 0	1,144	4 0	117
1 2 0 0 0	Preparation of Site Specific Plans	Subtotal	0 0	0	8 0	596	12 0	584	0 0	0	0 0	0	0 0	0	20 0	1,180	4 0	117
1 2 1 0 0	Health & Safety Plan		0 0	0	8 0	596	12 0	584	0 0	0	0 0	0	0 0	0	20 0	1,180	4 0	117
1 3 0 0 0	Project Management	Subtotal	66 0	6,763	170 0	12,727	64 0	3,181	0 0	0	0 0	0	0 0	0	300 0	22,670	116 0	3,593
1 3 1 0 0	Monthly Project Management & Reporting		42 0	4,303	104 0	7,755	64 0	3,181	0 0	0	0 0	0	0 0	0	210 0	15,239	112 0	3,476
1 3 2 0 0	Team or Pool Subcontract Management		0 0	0	18 0	1,397	0 0	0	0 0	0	0 0	0	0 0	0	18 0	1,397	4 0	117
1 3 3 0 0	Meetings		24 0	2,459	48 0	3,575	0 0	0	0 0	0	0 0	0	0 0	0	72 0	6,034	0 0	0
Task 1 Totals			78 0	7,997	232 0	17,344	123 0	6,059	0 0	0	0 0	0	0 0	0	433 0	31,400	136 0	4,176
Task 2																		
Community Relations Technical Support																		
2 0 0 0 0	Community Relations Technical Support		0 0	0	32 0	2,383	0 0	0	0 0	0	0 0	0	0 0	0	32 0	2,383	0 0	0
Task 2 Totals			0 0	0	32 0	2,383	0 0	0	0 0	0	0 0	0	0 0	0	32 0	2,383	0 0	0
Task 7 Review of PRP RA Documents																		
7 3 0 0 0	Review of PRP RA Documents	Subtotal	20 0	2,049	264 0	19,661	150 0	7,300	0 0	0	0 0	0	0 0	0	434 0	29,010	24 0	700
7 3 3 0 0	O&M Manual		2 0	205	40 0	2,979	8 0	389	0 0	0	0 0	0	0 0	0	50 0	3,573	4 0	117
7 3 4 0 0	RA Report		3 0	307	44 0	3,277	20 0	973	0 0	0	0 0	0	0 0	0	67 0	4,558	4 0	117
7 3 5 0 0	As-built Drawings		3 0	307	26 0	1,936	26 0	1,265	0 0	0	0 0	0	0 0	0	55 0	3,509	4 0	117
7 3 7 0 0	Construction QA Reports		3 0	307	60 0	4,468	60 0	2,920	0 0	0	0 0	0	0 0	0	123 0	7,696	4 0	117
7 3 8 0 0	Change Orders		3 0	307	24 0	1,787	12 0	584	0 0	0	0 0	0	0 0	0	39 0	2,679	4 0	117
7 3 9 0 0	Other Non-specific RA Documents		6 0	615	70 0	5,213	24 0	1,168	0 0	0	0 0	0	0 0	0	100 0	6,996	4 0	117
Task 7 Totals			20 0	2,049	264 0	19,661	150 0	7,300	0 0	0	0 0	0	0 0	0	434 0	29,010	24 0	700
Task 8																		
RA Oversight																		
8 1 0 0 0	RA Oversight		8 0	820	274 0	20,405	828 0	40,298	0 0	0	0 0	0	0 0	0	1110 0	61,523	0 0	0
8 3 0 0 0	RA Oversight Reports	Subtotal	15 0	1,537	48 0	3,575	184 0	8,955	0 0	0	0 0	0	0 0	0	247 0	14,067	28 0	817
8 3 1 0 0	Periodic Reports		12 0	1,230	36 0	2,661	144 0	7,008	0 0	0	0 0	0	0 0	0	192 0	10,919	24 0	700
8 3 2 0 0	Final Summary Reports		3 0	307	12 0	894	40 0	1,947	0 0	0	0 0	0	0 0	0	55 0	3,148	4 0	117
Task 8 Totals			23 0	2,357	322 0	23,980	1,012 0	49,253	0 0	0	0 0	0	0 0	0	1,357 0	75,589	28 0	817

DIRECT LABOR FOR H.O.D. LANDFILL - REMEDIAL ACTION OVERSIGHT ACTIVITIES

WBS	Activity	P-4		P-3		P-2		P-1		T-2		T-1		TOTAL PROFESSIONAL		TOTAL SUPPORT		
		HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	\$	LOE HRS	\$	HRS	\$	
=====																		
Task 9																		
Technical Meeting Support																		
9.0.0.0.0	Technical Meeting Support	0.0	0	102.0	7,596	0.0	0	0.0	0	0.0	0	0.0	0	0	102.0	7,596	0.0	0
Task 9 Totals		0.0	0	102.0	7,596	0.0	0	0.0	0	0.0	0	0.0	0	0	102.0	7,596	0.0	0
Task 10																		
Work Assignment Closeout																		
10.1.0.0.0	Package & Return Documents to Government	0.0	0	4.0	298	0.0	0	4.0	147	0.0	0	0.0	0	0	8.0	445	8.0	233
10.2.0.0.0	Prepare Closeout Report	2.0	205	12.0	894	8.0	398	0.0	0	0.0	0	0.0	0	0	22.0	1,496	1.0	29
Task 10 Totals		2.0	205	16.0	1,192	8.0	398	4.0	147	0.0	0	0.0	0	0	30.0	1,941	9.0	262
Project Totals		123.0	12,608	968.0	72,155	1,293.0	63,010	4.0	147	0.0	0	0.0	0	0	2,388.0	147,920	197.0	5,955

TRAVEL EXPENSES FOR H O D LANDFILL - REMEDIAL ACTION OVERSIGHT ACTIVITIES

WBS	Activity	METHOD OF TRAVEL	NUMBER OF PERSONS	LENGTH OF TRIP DAYS	NUMBER OF TRIPS	AIR TRANSP \$	RENTAL CAR 200/week	FUEL/ TOLLS/ PARKING \$	NUMBER OF MILES	MILEAGE \$0.325/mile	TOTAL TRANSP \$	PER DIEM \$	TOTAL TRAVEL \$
Task 1													
Project Planning and Support													
1 1 0 0 0	Project Planning	Subtotal				0	0	0	40	13	13	0	13
1 1 1 0 0	Attend Kickoff Meeting	None required	0	0	0	0	0	0	0	0	0	0	0
1 1 2 0 0	Conduct Site Visit	Personal Car	0	0	0	0	0	0	40	13	13	0	13
1 1 3 0 0	Review Existing Information	Subtotal				0	0	0	0	0	0	0	0
1 1 3 1 0	Record of Decision	None required	0	0	0	0	0	0	0	0	0	0	0
1 1 3 2 0	Other Documents (RI, FS, UAO)	None required	0	0	0	0	0	0	0	0	0	0	0
1 1 3 3 0	PRP Work Plan	None required	0	0	0	0	0	0	0	0	0	0	0
1 1 3 4 0	PRP Final Design Report	None required	0	0	0	0	0	0	0	0	0	0	0
1 1 3 5 0	Other PRP Plans & Documents	None required	0	0	0	0	0	0	0	0	0	0	0
1 1 4 0 0	RA Oversight Work Plan	Subtotal				0	0	0	0	0	0	0	0
1 1 4 1 0	RA Oversight Work Plan	None required	0	0	0	0	0	0	0	0	0	0	0
1 1 4 2 0	Revised Work Plan	Subtotal				0	0	0	0	0	0	0	0
1 1 4 2 1	Negotiation Meeting	None required	0	0	0	0	0	0	0	0	0	0	0
1 1 4 2 2	Revised Work Plan	None required	0	0	0	0	0	0	0	0	0	0	0
1 2 0 0 0	Preparation of Site Specific Plans	Subtotal				0	0	0	0	0	0	0	0
1 2 1 0 0	Health & Safety Plan	None required	0	0	0	0	0	0	0	0	0	0	0
1 3 0 0 0	Project Management	Subtotal				0	0	0	0	0	0	0	0
1 3 1 0 0	Monthly Project Management & Reporting	None required	0	0	0	0	0	0	0	0	0	0	0
1 3 2 0 0	Team or Pool Subcontract Management	None required	0	0	0	0	0	0	0	0	0	0	0
1 3 3 0 0	Meetings	None required	0	0	0	0	0	0	0	0	0	0	0
Task 1 Totals						0	0	0	40	13	13	0	13
Task 2													
Community Relations Technical Support													
2 0 0 0 0	Community Relations Technical Support	None required	0	0	0	0	0	0	160	52	52	0	52
Task 2 Totals						0	0	0	160	52	52	0	52
Task 7 Review of PRP RA Documents													
7 3 0 0 0	Review of PRP RA Documents	Subtotal				0	0	0	0	0	0	0	0
7 3 3 0 0	O&M Manual	None required	0	0	0	0	0	0	0	0	0	0	0
7 3 4 0 0	RA Report	None required	0	0	0	0	0	0	0	0	0	0	0
7 3 5 0 0	As-built Drawings	None required	0	0	0	0	0	0	0	0	0	0	0
7 3 7 0 0	Construction QA Reports	None required	0	0	0	0	0	0	0	0	0	0	0
7 3 8 0 0	Change Orders	None required	0	0	0	0	0	0	0	0	0	0	0
7 3 9 0 0	Other Non-specific RA Documents	None required	0	0	0	0	0	0	0	0	0	0	0
Task 7 Totals						0	0	0	0	0	0	0	0
Task 8													
RA Oversight													
8 1 0 0 0	RA Oversight	Rental Car	1	N/A	26	0	5,850	520	600	195	6,565	3,520	10,085
8 3 0 0 0	RA Oversight Reports	Subtotal				0	0	0	0	0	0	0	0
8 3 1 0 0	Periodic Reports	None required	0	0	0	0	0	0	0	0	0	0	0
8 3 2 0 0	Final Summary Reports	None required	0	0	0	0	0	0	0	0	0	0	0
Task 8 Totals						0	5,850	520	600	195	6,565	3,520	10,085

TRAVEL EXPENSES FOR H.O.D. LANDFILL - REMEDIAL ACTION OVERSIGHT ACTIVITIES:

WBS	Activity	METHOD OF TRAVEL	NUMBER OF PERSONS	LENGTH OF TRIP DAYS	NUMBER OF TRIPS	AIR TRANSP \$	RENTAL CAR 200/week	FUEL/ TOLLS/ PARKING \$	NUMBER OF MILES	MILEAGE \$0.325/mile	TOTAL TRANSP \$	PER DIEM \$	TOTAL TRAVEL \$
=====													
Task 9													
Technical Meeting Support													
9.0.0.0.0	Technical Meeting Support	Personal Car	2	1	6	0	0	0	342	111	111	0	111
Task 9 Totals						0	0	0	342	111	111	0	111
=====													
Task 10													
Work Assignment Closeout													
10.1.0.0.0	Package & Return Documents to Government	None required	0	0	0	0	0	0	0	0	0	0	0
10.2.0.0.0	Prepare Closeout Report	None required	0	0	0	0	0	0	0	0	0	0	0
Task 10 Totals						0	0	0	0	0	0	0	0
Project Totals						0	5,850	520	1,142	371	6,741	3,520	10,261

REPORT COSTS FOR H O D LANDFILL - REMEDIAL ACTION OVERSIGHT ACTIVITIES								COMPUTER/CADD-GRAPHICS COSTS FOR H O D LANDFILL - REMEDIAL ACTION OVERSIGHT ACTIVITIES			
WBS	Activity	TYPE OF DOCUMENT	NUMBER OF MISC PAGES	<NUMBER OF COPIES>		NUMBER OF PAGES	REPRODUCTI ON COSTS \$0.07/page	NUMBER OF HRS	COMPUTER COSTS \$8.00/hr	NUMBER OF HRS	CADD & GRAPHICS COSTS \$13.00/hr
				DRAFT	FINAL						

Task 1											
Project Planning and Support											
1 1 0 0 0	Project Planning	Subtotal					70		00	0	00
1 1 1 0 0	Attend Kickoff Meeting	None required	0	0	0	0	0		00	0	00
1 1 2 0 0	Conduct Site Visit	None required	0	0	0	0	0		00	0	00
1 1 3 0 0	Review Existing Information	Subtotal					0		00	0	00
1 1 3 1 0	Record of Decision	None required	0	0	0	0	0		00	0	00
1 1 3 2 0	Other Documents (RI, FS, UAO)	None required	0	0	0	0	0		00	0	00
1 1 3 3 0	PRP Work Plan	None required	0	0	0	0	0		00	0	00
1 1 3 4 0	PRP Final Design Report	None required	0	0	0	0	0		00	0	00
1 1 3 5 0	Other PRP Plans & Documents	None required	0	0	0	0	0		00	0	00
1 1 4 0 0	RA Oversight Work Plan	Subtotal					70		00	0	00
1 1 4 1 0	RA Oversight Work Plan	Draft Report	0	10	0	50	35		00	0	00
1 1 4 2 0	Revised Work Plan	Subtotal					35		00	0	00
1 1 4 2 1	Negotiation Meeting	None required	0	0	0	0	0		00	0	00
1 1 4 2 2	Revised Work Plan	Final Report	0	0	10	50	35		00	0	00
1 2 0 0 0	Preparation of Site Specific Plans	Subtotal					35		00	0	00
1 2 1 0 0	Health & Safety Plan	Final Report	0	0	5	100	35		00	0	00
1 3 0 0 0	Project Management	Subtotal					245		00	0	00
1 3 1 0 0	Monthly Project Management & Reporting	Final Report	0	0	140	25	245		00	0	00
1 3 2 0 0	Team or Pool Subcontract Management	None required	0	0	0	0	0		00	0	00
1 3 3 0 0	Meetings	None required	0	0	0	0	0		00	0	00
Task 1 Totals							350		00	0	00
Task 2											
Community Relations Technical Support											
2 0 0 0 0	Community Relations Technical Support	None required	0	0	0	0	0		00	0	00
Task 2 Totals							0		00	0	00
Task 7 Review of PRP RA Documents											
7 3 0 0 0	Review of PRP RA Documents	Subtotal					0		00	0	00
7 3 3 0 0	O&M Manual	None required	0	0	0	0	0		00	0	00
7 3 4 0 0	RA Report	None required	0	0	0	0	0		00	0	00
7 3 5 0 0	As-built Drawings	None required	0	0	0	0	0		00	0	00
7 3 7 0 0	Construction QA Reports	None required	0	0	0	0	0		00	0	00
7 3 8 0 0	Change Orders	None required	0	0	0	0	0		00	0	00
7 3 9 0 0	Other Non-specific RA Documents	None required	0	0	0	0	0		00	0	00
Task 7 Totals							0		00	0	00
Task 8											
RA Oversight											
8 1 0 0 0	RA Oversight	None required	0	0	0	0	0		00	0	00
8 3 0 0 0	RA Oversight Reports	Subtotal					105		00	0	00
8 3 1 0 0	Periodic Reports	None required	0	0	24	50	84		00	0	00
8 3 2 0 0	Final Summary Reports	None required	0	0	6	50	21		00	0	00
Task 8 Totals							105		00	0	00

REPORT COSTS FOR H.O.D. LANDFILL - REMEDIAL ACTION OVERSIGHT ACTIVITIES								COMPUTER/CADD-GRAPHICS COSTS FOR H.O.D. LANDFILL - REMEDIAL ACTION			
WBS	Activity	TYPE OF DOCUMENT	NUMBER OF MISC PAGES	<-NUMBER OF COPIES->		NUMBER OF PAGES	REPRODUCTI COSTS \$0.07/page	NUMBER OF HRS	COMPUTER COSTS \$8.00/hr	NUMBER OF HRS	CADD & GRAPHICS COSTS \$13.00/hr
				DRAFT	FINAL						
=====											
Task 9											
Technical Meeting Support											
9.0.0.0.0	Technical Meeting Support	None required	0	0	0	0	0	0.0	0	0.0	0
Task 9 Totals							0	0.0	0	0.0	0
Task 10											
Work Assignment Closeout											
10.1.0.0.0	Package & Return Documents to Government	None required	0	0	0	0	0	0.0	0	0.0	0
10.2.0.0.0	Prepare Closeout Report	None required	0	0	0	0	0	0.0	0	0.0	0
Task 10 Totals							0	0.0	0	0.0	0
Project Totals							455	0.0	0	0.0	0

OTHER DIRECT COSTS FOR H O D LANDFILL - REMEDIAL ACTION OVERSIGHT ACTIVITIES														
<--COURIER SERVICES-->														
			EQUIP &											
WBS	Activity		DOCUMENTS	SAMPLES	SUPPLIES	TELEPHONE	POSTAGE	MISC	TOTAL ODCs	POLLUTION	POOL SUB-	TEAM SUB	TEAM SUB	TEAM SUB
			\$	\$	\$	\$	\$	\$	\$	LIAB INS	CONTRACTS	TOTAL	COSTS	FEES

Task 1														
Project Planning and Support														
1 1 0 0 0	Project Planning	Subtotal	0	0	0	0	0	0	0	0	0	0	0	0
1 1 1 0 0	Attend Kickoff Meeting		0	0	0	0	0	0	0	0	0	0	0	0
1 1 2 0 0	Conduct Site Visit		0	0	0	0	0	0	0	0	0	0	0	0
1 1 3 0 0	Review Existing Information	Subtotal	0	0	0	0	0	0	0	0	0	0	0	0
1 1 3 1 0	Record of Decision		0	0	0	0	0	0	0	0	0	0	0	0
1 1 3 2 0	Other Documents (RI, FS, UAO)		0	0	0	0	0	0	0	0	0	0	0	0
1 1 3 3 0	PRP Work Plan		0	0	0	0	0	0	0	0	0	0	0	0
1 1 3 4 0	PRP Final Design Report		0	0	0	0	0	0	0	0	0	0	0	0
1 1 3 5 0	Other PRP Plans & Documents		0	0	0	0	0	0	0	0	0	0	0	0
1 1 4 0 0	RA Oversight Work Plan	Subtotal	0	0	0	0	0	0	0	0	0	0	0	0
1 1 4 1 0	RA Oversight Work Plan		0	0	0	0	0	0	0	0	0	0	0	0
1 1 4 2 0	Revised Work Plan	Subtotal	0	0	0	0	0	0	0	0	0	0	0	0
1 1 4 2 1	Negotiation Meeting		0	0	0	0	0	0	0	0	0	0	0	0
1 1 4 2 2	Revised Work Plan		0	0	0	0	0	0	0	0	0	0	0	0
1 2 0 0 0	Preparation of Site-Specific Plans	Subtotal	0	0	0	0	0	0	0	0	0	0	0	0
1 2 1 0 0	Health & Safety Plan		0	0	0	0	0	0	0	0	0	0	0	0
1 3 0 0 0	Project Management	Subtotal	0	0	0	0	0	0	0	0	0	0	0	0
1 3 1 0 0	Monthly Project Management & Reporting		0	0	0	0	0	0	0	0	0	0	0	0
1 3 2 0 0	Team or Pool Subcontract Management		0	0	0	0	0	0	0	0	0	0	0	0
1 3 3 0 0	Meetings		0	0	0	0	0	0	0	0	0	0	0	0
Task 1 Totals			0	0	0	0	0	0	0	0	0	0	0	0
Task 2														
Community Relations Technical Support														
2 0 0 0 0	Community Relations Technical Support		0	0	0	0	0	0	0	0	0	0	0	0
Task 2 Totals			0	0	0	0	0	0	0	0	0	0	0	0
Task 7 Review of PRP RA Documents														
7 3 0 0 0	Review of PRP RA Documents	Subtotal	0	0	0	0	0	0	0	0	0	0	0	0
7 3 3 0 0	O&M Manual		0	0	0	0	0	0	0	0	0	0	0	0
7 3 4 0 0	RA Report		0	0	0	0	0	0	0	0	0	0	0	0
7 3 5 0 0	As-built Drawings		0	0	0	0	0	0	0	0	0	0	0	0
7 3 7 0 0	Construction QA Reports		0	0	0	0	0	0	0	0	0	0	0	0
7 3 8 0 0	Change Orders		0	0	0	0	0	0	0	0	0	0	0	0
7 3 9 0 0	Other Non-specific RA Documents		0	0	0	0	0	0	0	0	0	0	0	0
Task 7 Totals			0	0	0	0	0	0	0	0	0	0	0	0
Task 8														
RA Oversight														
8 1 0 0 0	RA Oversight		0	0	1,170	1,300	0	0	2,470	0	0	0	0	0
8 3 0 0 0	RA Oversight Reports	Subtotal	0	0	0	0	0	600	600	0	0	0	0	0
8 3 1 0 0	Periodic Reports		0	0	0	0	0	600	600	0	0	0	0	0
8 3 2 0 0	Final Summary Reports		0	0	0	0	0	0	0	0	0	0	0	0
Task 8 Totals			0	0	1,170	1,300	0	600	3,070	0	0	0	0	0

		OTHER DIRECT COSTS FOR H.O.D. LANDFILL - REMEDIAL ACTION OVERSIGHT ACTIVITIES											
		<--COURIER SERVICES-->											
		EQUIP &											
WBS	Activity	DOCUMENTS	SAMPLES	SUPPLIES	TELEPHONE	POSTAGE	MISC	TOTAL ODCs	POLLUTION	POOL SUB-	TEAM SUB	TEAM SUB	TEAM SUB
		\$	\$	\$	\$	\$	\$	\$	LIAB INS	CONTRACTS	TOTAL	COSTS	FEES
=====													
Task 9													
Technical Meeting Support													
9.0.0.0.0	Technical Meeting Support	0	0	0	0	0	0	0	0	0	0	0	0
Task 9 Totals		0	0	0	0	0	0	0	0	0	0	0	0
Task 10													
Work Assignment Closeout													
10.1.0.0.0	Package & Return Documents to Government	0	0	0	0	0	0	0	0	0	0	0	0
10.2.0.0.0	Prepare Closeout Report	0	0	0	0	0	0	0	0	0	0	0	0
Task 10 Totals		0	0	0	0	0	0	0	0	0	0	0	0
Project Totals		0	0	1,170	1,300	0	600	3,070	0	0	0	0	0